

1 What is claimed is:

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3 1. A method for monitoring exception events generated by a software application,
4 comprising:

5 operating the software application to generate exception event data responsive to an
6 exception event;

7 monitoring the software application to identify an occurrence of said exception event and
8 to obtain said exception event data;

9 examining said exception event data to determine type of said exception event; and

10 processing said exception event data responsive to said type of said exception event.
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12 2. The method of Claim 1, wherein said operating includes operating said software
13 application in a .NET framework.
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15 3. The method of Claim 1, wherein said examining includes examining said exception event
16 data to determine whether said exception event is at least one of a primary exception event and a
17 derived exception event.
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19 4. The method of Claim 3, wherein said processing includes processing said exception event
20 data responsive to at least one of said primary exception event and said derived exception event.
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22 5. The method of Claim 1, wherein said examining further includes examining said
23 exception event data to determine whether said exception event is at least one of a critical
24 exception event and a non-critical exception event.
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26 6. The method of Claim 5, wherein said processing includes processing said exception event
27 data responsive to at least one of said critical exception event and said non-critical exception
28 event.
29

30 7. The method of Claim 1, wherein said examining includes examining said exception event
31 data to determine if an exception chain exists.

1 8. The method of Claim 7, wherein said processing further includes collecting exception
2 event data responsive to said exception event and creating an exception event information
3 database.

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5 9. The method of Claim 8, wherein said processing further includes creating said exception
6 chain and associating said collected exception event data with said exception chain.

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8 10. The method of Claim 7, wherein said processing includes associating said collected
9 exception event data with said exception chain.

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11 11. The method of Claim 1, wherein said processing further includes comparing said
12 exception event data with data contained within an exception event information database.

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14 12. The method of Claim 11, wherein said processing further includes associating said
15 collected exception event information with said exception information database.

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17 13. The method of Claim 1, wherein said processing further includes labeling said exception
18 event as at least one of a critical exception, a non-critical exception, a derived exception event
19 and a primary exception event.

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21 14. A system for operating a software application in a .NET framework, wherein the system
22 includes machine-readable computer program code including instructions for causing a controller
23 to implement a method for monitoring exception events generated by the software application,
24 the method comprising, comprising:

25 operating the software application to generate exception event data responsive to an
26 exception event;

27 monitoring the software application to identify an occurrence of said exception event and
28 to obtain said exception event data;

29 examining said exception event data to determine type of said exception event; and
30 processing said exception event data responsive to said type of said exception event.

1 15. The system of Claim 14, wherein said examining includes examining said exception
2 event data to determine whether said exception event is at least one of a primary exception event
3 and a derived exception event.
4

5 16. The system of Claim 14, wherein said examining further includes examining said
6 exception event data to determine whether said exception event is at least one of a critical
7 exception event and a non-critical exception event.
8

9 17. The system of Claim 14, wherein said processing includes processing said exception
10 event data responsive to at least one of said primary exception event and said derived exception
11 event.
12

13 18. The system of Claim 14, wherein said processing includes processing said exception
14 event data responsive to at least one of said critical exception event and said non-critical
15 exception.
16

17 19. A medium encoded with a machine-readable computer program code, the program code
18 including instructions for causing a controller to implement a method for monitoring exception
19 events generated by a software application, the method comprising:

20 operating the software application to generate exception event data responsive to an
21 exception event;

22 monitoring the software application to identify an occurrence of said exception event and
23 to obtain said exception event data;

24 examining said exception event data to determine type of said exception event; and
25 processing said exception event data responsive to said type of said exception event.
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27 20. A machine-readable computer program code, the program code including instructions for
28 causing a controller to implement a method for monitoring exception events generated by a
29 software application, the method comprising:

30 operating the software application to generate exception event data responsive to an
31 exception event;

- 1 monitoring the software application to identify an occurrence of said exception event and
- 2 to obtain said exception event data;
- 3 examining said exception event data to determine type of said exception event; and
- 4 processing said exception event data responsive to said type of said exception event.